

Amendment and Response Under 37 C.F.R. 1.116

Applicant: Leo W. Spsychalla

Serial No.: 10/725,259

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Title: DATA STORAGE CARTRIDGE WITH HARD DRIVE AND ALIGNMENT FEATURE

IN THE CLAIMS

Please cancel claims 1-14 and 17-24, amend claim 15, and add claims 25-28 as follows:

1-14. (Canceled)

15. (Currently Amended) ~~The~~A data storage cartridge of claim 14, comprising:

a housing including a polymeric material and a first major and planar member that defines at least three sides of an access window, the housing defining an interior cavity and at least one alignment feature positioned within the interior cavity; and

a hard drive maintained within the interior cavity, the hard drive having at least one electrical connection point;

wherein the at least one alignment feature of the housing is configured to interact with the hard drive to align the at least one electrical connection point relative to the access window in a Z-direction that is perpendicular to the first major and planar member, and the at least one alignment feature of the housing includes an attachment pillar configured to align the at least one electrical connection point relative to the access window in the Z-direction; and

further wherein the attachment pillar defines a passage axially extending through the attachment pillar, and the data storage cartridge further comprises:

an attachment device inserted through the passage and into the housing to facilitate alignment of the at least one electrical connection point relative to the access window in the Z-direction.

16. (Previously Presented) The data storage cartridge of claim 15, wherein the at least one alignment feature further includes at least one alignment post configured to align the at least one electrical connection point relative to the access window in the X-direction and an alignment rib configured to align the at least one electrical connection point relative to the access window in the Y-direction, and further wherein the attachment pillar and the alignment post each have a different geometry than the alignment rib.

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17-24. (Canceled)

25. (New) The data storage cartridge of claim 15, wherein the at least one alignment feature additionally includes an alignment post configured to facilitate alignment of the at least one electrical connection point of the hard drive with the access window defined by the housing, the alignment post defining a first tier having a first diameter and extending from the first major and planar member of the housing and a second tier having a second diameter and extending from the first tier opposite the first major and planar member of the housing, the first diameter being greater than the second diameter.

26. (New) The data storage cartridge of claim 25, wherein the hard drive includes a mounting cavity configured to at least partially receive the alignment post.

27. (New) The data storage cartridge of claim 15, wherein the at least one alignment feature additionally includes an alignment rib extending from the first major and planar member to define a substantially planar surface that extends in a direction substantially perpendicular to the access window.

28. (New) The data storage cartridge of claim 27, wherein the alignment rib is positioned adjacent the access window.